

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028224.D
 Acq On : 30 Sep 2022 14:05
 Operator : SY/MD
 Sample : N4866-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ1

Quant Time: Sep 30 22:57:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

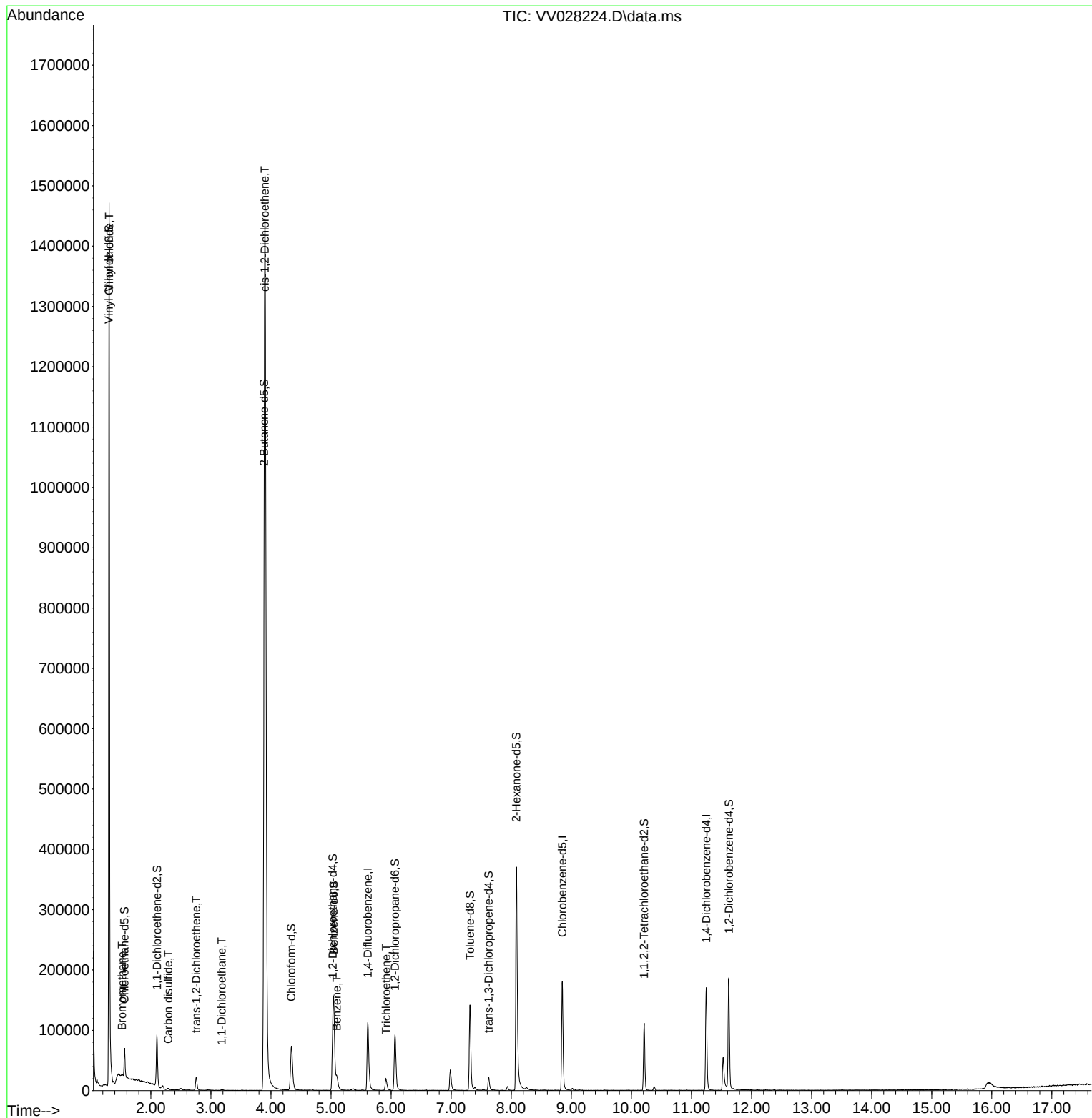
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	106275	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	108156	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	50229	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	35014	3.178	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.561	69	30171	3.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.800%
11) 1,1-Dichloroethene-d2	2.101	63	42285	2.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.200%#
20) 2-Butanone-d5	3.886	46	163801	88.061	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	176.120%#
24) Chloroform-d	4.339	84	78454	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.027	65	44942	5.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.043	84	136738	3.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.063	67	48391	4.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.313	98	101264	3.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	7.622	79	14651	3.669	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.085	63	137421	82.447	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	164.900%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52427	6.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	138.800%#
66) 1,2-Dichlorobenzene-d4	11.622	152	51884	5.266	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
5) Vinyl chloride	1.304	62	914716	110.994	ug/L	99
6) Bromomethane	1.519	94	1089	0.203	ug/L	91
14) Carbon disulfide	2.288	76	3003	0.213	ug/L #	92
18) trans-1,2-Dichloroethene	2.754	96	8410	1.308	ug/L	99
19) 1,1-Dichloroethane	3.178	63	1924	0.137	ug/L #	85
22) cis-1,2-Dichloroethene	3.899	96	821025	97.322	ug/L	94
33) Benzene	5.095	78	22114	0.736	ug/L	100
34) Trichloroethene	5.915	95	7060	0.944	ug/L	83

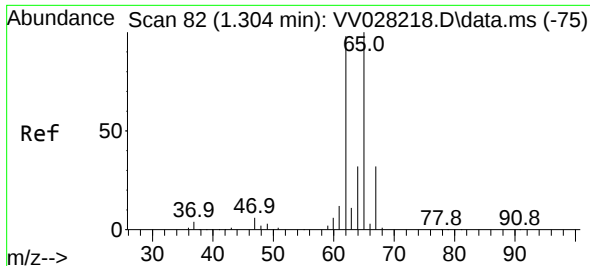
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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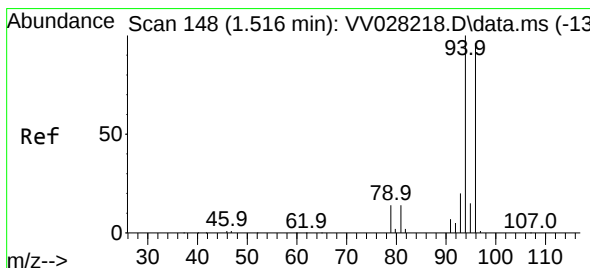
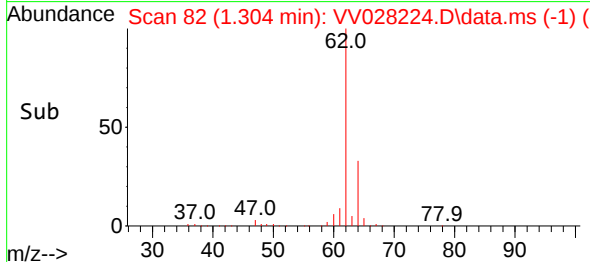
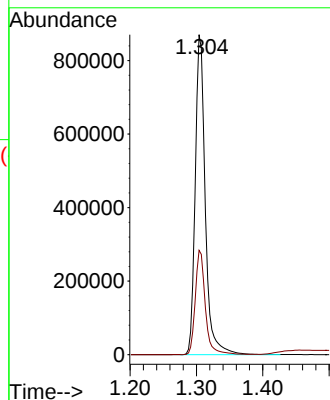
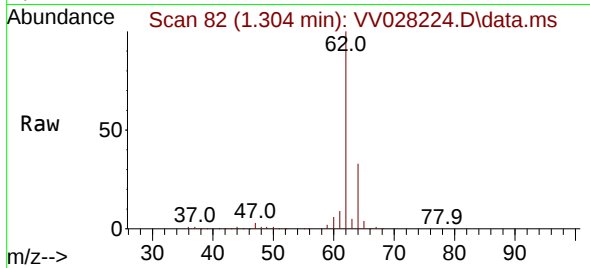




#5
 Vinyl chloride
 Concen: 110.994 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028224.D
 Acq: 30 Sep 2022 14:05

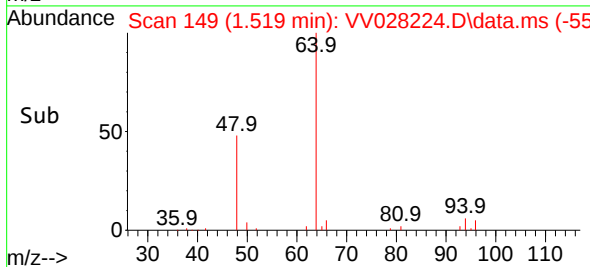
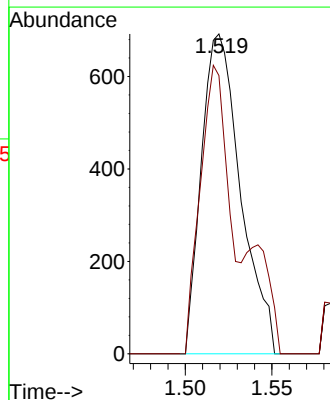
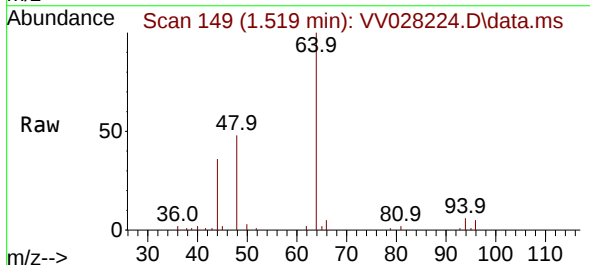
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ1

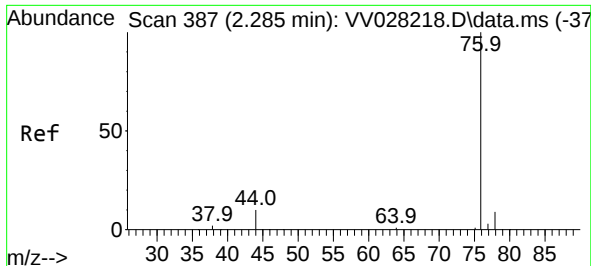
Tgt Ion: 62 Resp: 914716
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.8



#6
 Bromomethane
 Concen: 0.203 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV028224.D
 Acq: 30 Sep 2022 14:05

Tgt Ion: 94 Resp: 1089
 Ion Ratio Lower Upper
 94 100
 96 87.0 66.7 123.9





#14

Carbon disulfide

Concen: 0.213 ug/L

RT: 2.288 min Scan# 387

Delta R.T. 0.003 min

Lab File: VV028224.D

Acq: 30 Sep 2022 14:05

Instrument :

MSVOA_V

ClientSampleId :

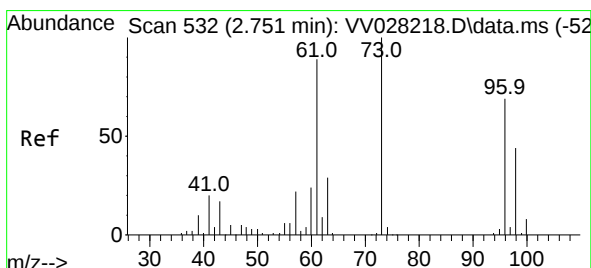
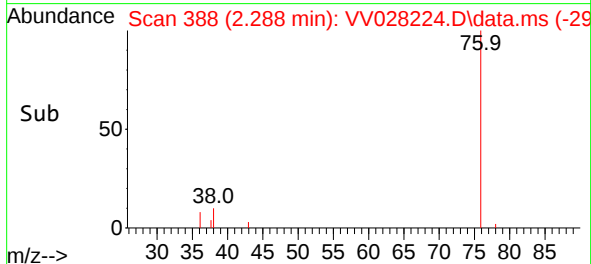
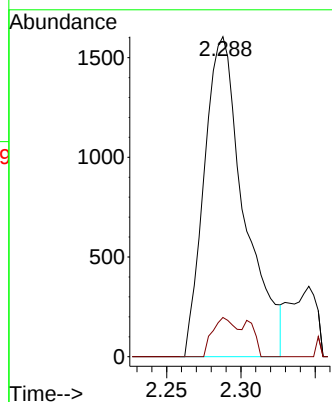
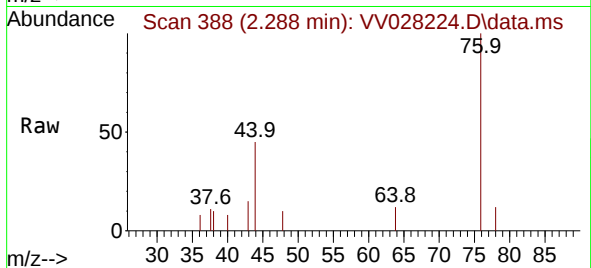
EXFQ1

Tgt Ion: 76 Resp: 3003

Ion Ratio Lower Upper

76 100

78 12.3 7.6 11.4#



#18

trans-1,2-Dichloroethene

Concen: 1.308 ug/L

RT: 2.754 min Scan# 533

Delta R.T. 0.003 min

Lab File: VV028224.D

Acq: 30 Sep 2022 14:05

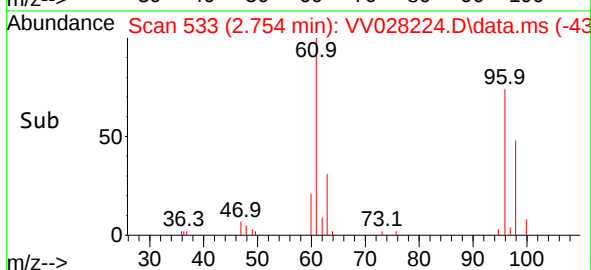
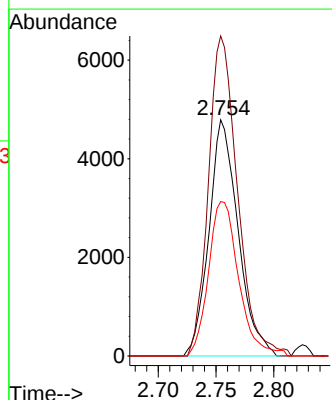
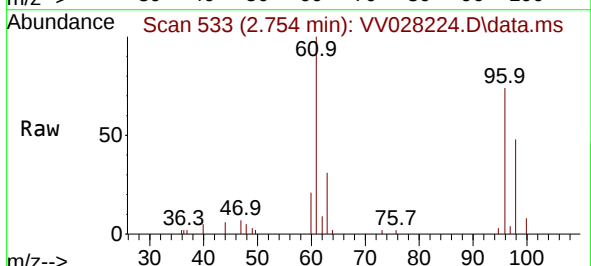
Tgt Ion: 96 Resp: 8410

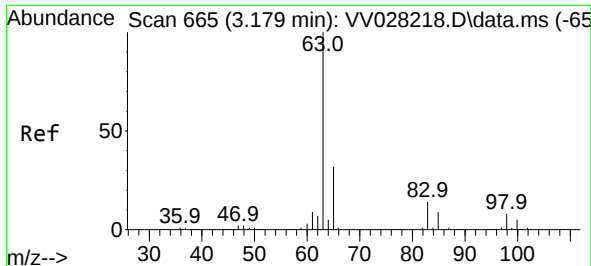
Ion Ratio Lower Upper

96 100

61 135.5 96.2 178.6

98 65.4 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.137 ug/L

RT: 3.178 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028224.D

Acq: 30 Sep 2022 14:05

Instrument :

MSVOA_V

ClientSampleId :

EXFQ1

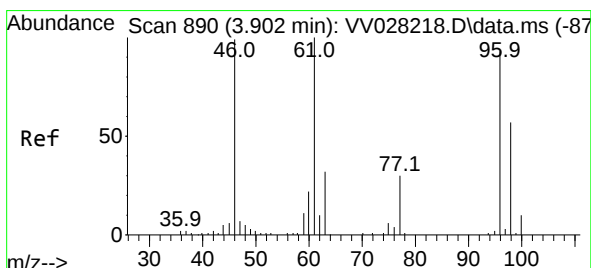
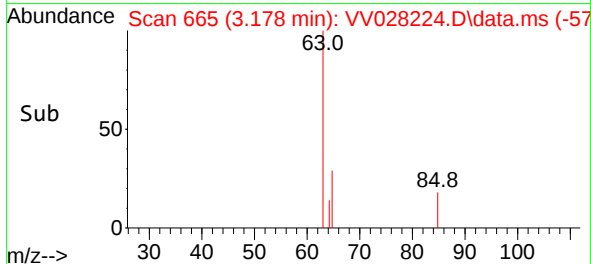
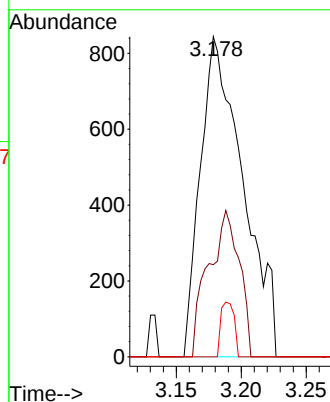
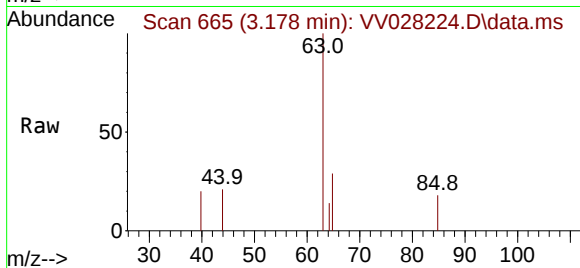
Tgt Ion: 63 Resp: 1924

Ion Ratio Lower Upper

63 100

65 28.8 23.0 42.8

83 0.0 9.2 17.2#



#22

cis-1,2-Dichloroethene

Concen: 97.322 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.000 min

Lab File: VV028224.D

Acq: 30 Sep 2022 14:05

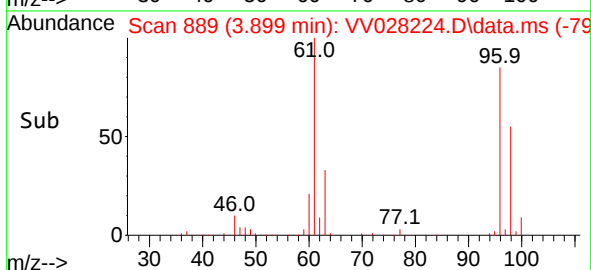
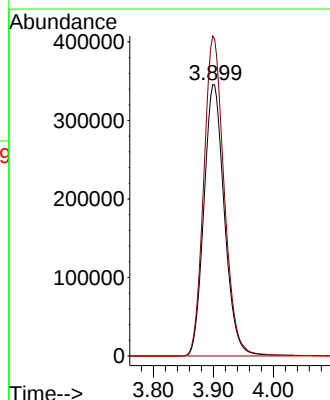
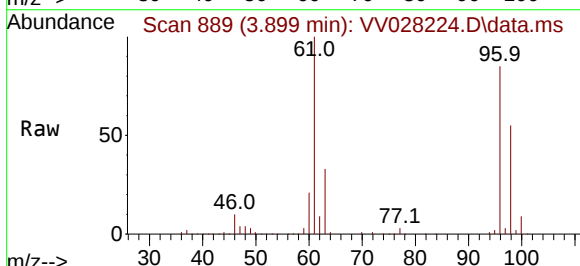
Tgt Ion: 96 Resp: 821025

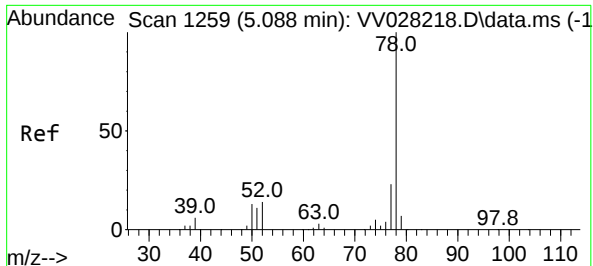
Ion Ratio Lower Upper

96 100

61 117.9 87.2 161.9

68 0.0 0.0 0.0

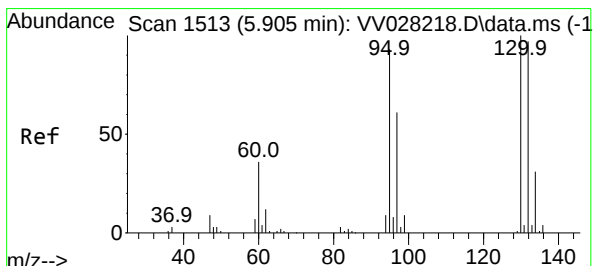
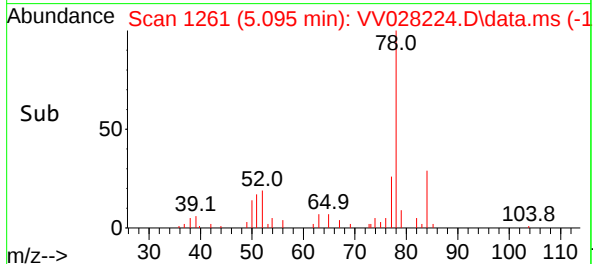
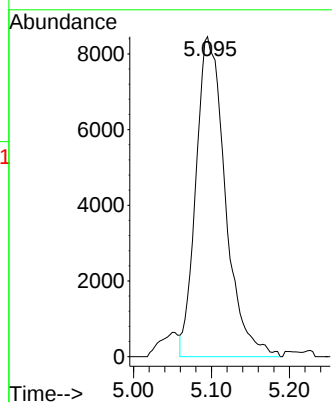
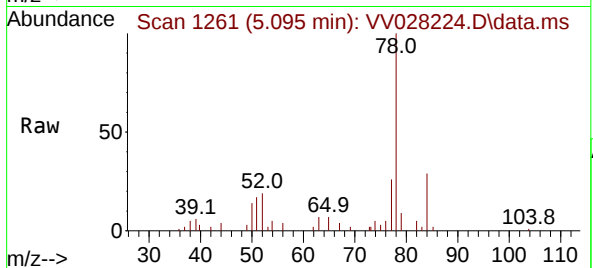




#33
Benzene
Concen: 0.736 ug/L
RT: 5.095 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV028224.D
Acq: 30 Sep 2022 14:05

Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

Tgt Ion: 78 Resp: 22114



#34
Trichloroethene
Concen: 0.944 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.010 min
Lab File: VV028224.D
Acq: 30 Sep 2022 14:05

Tgt Ion: 95 Resp: 7060

Ion	Ratio	Lower	Upper
95	100		
97	81.8	44.2	82.0
132	114.3	67.8	126.0
130	109.0	68.8	127.8

